AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   **(Currently Amended)**   A telecommunications system, comprising:

a plurality of network clients including a positioning controller and a communications controller; [[and]]

a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information of a user to a presence server, the presence server defining one or more associated location/presence correlation pairs defining a geographical area including a user-defined boundary around one or more locations and corresponding presence status;

wherein a presence status of the user is maintained if the network client is within the borders of the geographical area; [[and]]

a mapping engine for defining the geographical area;

wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said communications controller, said communications controller comprising a telephony controller;

wherein the location/presence correlation pairs further include availability status indicia over a plurality of media associated with the user; and

a first timer for providing a timer tick for confirming functionality of the network

clients and a second timer for providing one or more hysteresis indications to prevent

speed and boundary toggling.

2.   **(Original)**   A telecommunications system in accordance with claim 1, wherein

said positioning controller receives global positioning network signals for determining a

position of an associated network client.

3.   **(Original)**   A telecommunications system in accordance with claim 2, wherein

said communications controller comprises a cellular network controller for transmitting

on a cellular telephone network to said positioning server.

4.   **(Original)**   A telecommunications system in accordance with claim 1, wherein

positioning server includes an e-mail message generator for communicating said

updates to said presence server.

5.   **(Original)**   A telecommunications system in accordance with claim 1, wherein

positioning server includes an Instant Messaging message generator for communicating

said updates to said presence server.

6.   **(Original)**   A telecommunications system in accordance with claim 1, wherein

positioning server includes a Session Initiation Protocol (SIP) message generator for

communicating said updates to said presence server.

7.   (Original)   A telecommunications system in accordance with claim 1, wherein said presence server maintains a database of location and presence correlation pairs for registered users and receives location updates from said positioning server.

8.   (Original)   A telecommunications system in accordance with claim 1, wherein said positioning server maintains a database of location and presence correlation pairs for registered users and provides presence updates to said presence server.

9.   (Currently Amended)   A telecommunications device, comprising:

a positioning controller adapted to determine positioning information for said telecommunications device; [[and]]

a cellular telephone controller adapted to receive said positioning information from said positioning controller and cause said positioning information to be transmitted to an associated server via a telephony controller;

wherein the telecommunications device includes a rules database and is configured to receive one or more location-presence correlation rules for storing in the rules database from a user mapping engine, the user mapping engine further configured to allow a user to define a location and a user-defined boundary around the location, the one or more location-presence correlation rules further defining a user availability over an associated plurality of user devices and media; and

a first timer for providing a timer tick for confirming functionality of the telecommunications device and a second timer for providing one or more hysteresis indications to prevent speed and boundary toggling.

10.   **(Original)**   A telecommunications device as recited in claim 9, wherein said positioning controller receives Global Positioning System (GPS) signals to determine said positioning information.

11.   **(Canceled)**

12.   **(Previously Presented)**   A telecommunications device as recited in claim 9, wherein said cellular telephone controller transmits changes to location and presence status to said associated server.

13.   **(Previously Presented)**   A telecommunications device as recited in claim 9, wherein said cellular telephone controller transmits changes to location status to said associated server.

14.   **(Currently Amended)**   A telecommunications device as recited in claim 9, ~~Wherein~~ <u>wherein</u> said cellular telephone controller receives updates to said rules database from said associated server.

15.   **(Previously Presented)**   A telecommunications server, comprising:

a presence control unit adapted to receive and maintain presence information for a plurality of users, the presence information including availability information defining user availability over a plurality of devices and media;

a location control unit adapted to receive and maintain location information for said plurality of users, said location information correlated with said presence information;

a first telephony interface for receiving predefined presence-location correlation rules from associated users, said rules including a geographical area defined by a mapping engine, the geographical area including a user-defined boundary associated with the area; and

a first timer for providing a timer tick for confirming functionality and a second timer for providing one or more hysteresis indications to prevent speed and boundary toggling.

16.   **(Canceled)**

17.   **(Previously Presented)**   A telecommunications server in accordance with claim 15, wherein receiving said location information comprises receiving user-positioning updates from a remote user from an operably coupled wireless network.

18.   **(Original)**   A telecommunications server in accordance with claim 17, wherein said operably coupled wireless network comprises a cellular telephone network.

19. **(Original)** A telecommunications server in accordance with claim 17, wherein said operably coupled wireless network comprises a personal communication service (PCS) network.

20. **(Original)** A telecommunications server in accordance with claim 17, further comprising a second interface for transmitting user-positioning updates to an operably coupled enterprise server.

21. **(Original)** A telecommunications server in accordance with claim 20 wherein said receiving said user-positioning updates comprises receiving said user-positioning updates via a telephone dial-in and said second interface comprises an email interface.

22. **(Original)** A telecommunications server in accordance with claim 20 wherein said receiving said user-positioning updates comprises receiving said user-positioning updates via a telephone dial-in and said second interface comprises a text messaging interface.

23. **(Original)** A telecommunications server in accordance with claim 17, further comprising a second interface for transmitting user-positioning updates to one or more local users in a packet telephony format.

24.   (Currently Amended)   A telecommunications method, comprising:

generating one or more user positioning and presence correlation rules, said

generating including defining one or more geographical areas using a mapping engine,

said one or more geographical areas including one or more user-defined boundaries

around one or more locations;

generating one or more user availability rules defining an availability of a user

across plural media;

receiving said one or more user positioning and presence correlation rules and

said one or more user availability rules at a local controller via a telephony interface;

[[and]]

transmitting said one or more positioning and presence correlation rules and said

one or more user availability rules to a remote device via a telephony interface; and

providing a timer tick for confirming functionality and providing one or more

hysteresis indications to prevent speed and boundary toggling.

25.   (Original)   A telecommunications method in accordance with claim 24, further

comprising:

receiving positioning updates at said remote device; and

transmitting presence updates to other local controllers or remote devices as

specified in said one or more positioning and presence correlation rules.

26. **(Original)** A telecommunications method in accordance with claim 25, wherein said receiving one or more user positioning and presence correlation rules comprises receiving at a server one or more rules set via a network interface device operably coupled to said one or more local controllers.

27. **(Original)** A telecommunications method in accordance with claim 26, wherein said receiving positioning updates comprises receiving one or more signals from a global positioning network.

28. **(Original)** A telecommunications method in accordance with claim 25, further comprising transmitting positioning updates from said remote device to one or more servers via a radio-linked network.

29. **(Original)** A telecommunications method in accordance with claim 28, wherein said radio-linked network comprises a cellular telephone network.

30. **(Original)** A telecommunications method in accordance with claim 28, wherein said radio-linked network comprises a personal communication service (PCS) network.

31. **(Original)** A telecommunications method in accordance with claim 28, wherein said one or more user positioning and presence correlation rules comprise one or more time-of-day parameters.

32.   **(Original)**   A telecommunications method in accordance with claim 28,

wherein said one or more user positioning and presence correlation rules comprise one

or more day-of-week parameters.